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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,158	03/18/2004	Che-Kuei Mai	4006-283	4136
22429	7590	04/11/2006	EXAMINER	
LOWE HAUPTMAN GILMAN AND BERNER, LLP			MACARTHUR, VICTOR L	
1700 DIAGONAL ROAD			ART UNIT	
SUITE 300 /310			PAPER NUMBER	
ALEXANDRIA, VA 22314			3679	

DATE MAILED: 04/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/803,158

Applicant(s)

MAI ET AL.

Examiner

Victor MacArthur

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 and 8-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 and 8-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6 and 8-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Macfee (U.S. Patent 4,755,090).

Claim 1. Macfee discloses (fig.5) a method for enhancing bolt fastening, the steps of the method comprising: bending an edge portion (13) of a plate (13, 14, 15) so as to fold part of the edge portion over an adjacent and consecutive part (14, 15) of the edge portion and to form a plurality of layers (18a, 18b, 15, 13) of the plate in a predetermined screw hole position; and forming at least one screw hole (hole receiving 28) in the predetermined screw hole position.

Claim 2. Macfee discloses the method of claim 1, wherein the predetermined screw hole position is located on an upper, lower, or side edge of a frame (11).

Claim 3. Macfee discloses the method of claim 1, further comprising a fastening layer (12) applied in a gap between (i.e., between 18a and 18b) said plurality of layers of the plate.

Claim 4. Macfee discloses the method of claim 3, wherein the fastening layer is a double-sided adhesive tape (col.4, l.26).

Claim 5. Macfee discloses the method of claim 1, wherein the screw hole is formed by punching (col.4, ll.24-37).

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Claim 6. Macfee discloses (fig.5) a bolt fastening structure, the bolt fastening structure - comprising: a multi-overlapped layer portion (overlapped portion of 13, 15, 25) of a plate (13, 15, 25), wherein the multi-overlapped layer comprises, part of an edge portion (13) being folded over adjacent and consecutive part (15) of the edge portion; at least one screw hole (hole receiving 28) formed through the multi-overlapped layer; and a bump (20) formed around the screw hole for increasing an effective thread length. Note that the Buecker structure is fully capable of performing the intended use limitation of being for improving fastening of a plate of a LCD module in as much as the applicant's invention is.

Claim 8. Macfee discloses the bolt fastening structure of claim 6, further comprising at least one adhesive material layer (12) disposed between two separate layers of the multi-overlapped layer.

Claim 9. Macfee discloses the bolt fastening structure of claim 8, wherein the adhesive material layer is a double-sided adhesive tape (col.4, l.26).

Claim 10. Macfee discloses the bolt fastening structure of claim 6, wherein the screw hole is formed by punching the multi-overlapped layer (col.4, ll.24-37). However, note that the specific method of forming is not germane to the issue of patentability of the device itself in a product claim. Therefore, the limitation "is formed by punching" has been given only limited patentable weight. See MPEP § 2113.

Claim 11. Macfee discloses the bolt fastening structure of claim 6, wherein the plate is a metal plate (col.4, l.25).

Claim 12. Macfee discloses a bolt fastening structure, comprising: an LCD module plate (25); a multi-overlapped layer (15) of an edge portion of a plate (13, 15), wherein the multi-

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overlapped layer includes part of the edge portion being folded over an adjacent and consecutive part (13) of the edge portion; at least one screw hole (hole receiving 28) formed through the multi-overlapped layer; a bump (20) formed around the screw hole for increasing an effective thread length; and a bolt (28), fastening the LCD module plate and the multi-overlapped layer through the screw hole. The term(s) "LCD module plate" as used in the disclosure and the claims are considered labels and the Applicant is reminded that where there is physical identity between the subject matter of the claim and the prior art, the label given to the claimed subject matter does not distinguish the invention over the prior art. In re Pearson, 494 F. 2d 1399, 1403, 181 USPQ 641, 644 (CCPA 1974); In re Lemin, 326 F. 2d 437, 140 USPQ 273 (CCPA 1964). The term "LCD module plate" does not positively set forth an LCD module or any specific structure not present in the prior art. Rather the term merely denotes a plate that is capable of use with an LCD module. If the applicant wishes to narrow the scope of the claim to include an LCD module than such an element should be positively recited in the claim.

Claim 13. Macfee discloses the bolt fastening structure of claim 12, further comprising at least one adhesive material layer (12) disposed between (i.e., between 18a and 18b) two separate layers of the multi-overlapped layer.

Claim 14. Macfee discloses the bolt fastening structure of claim 12, wherein the adhesive material layer is a double-sided adhesive tape (col.4, l.26).

Claim 15. Macfee discloses the bolt fastening structure of claim 12, wherein the screw hole is formed by punching the multi-overlapped layer (col.4, ll.24-37). However, note that the specific method of forming is not germane to the issue of patentability of the device itself in a

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product claim. Therefore, the limitation “is formed by punching” has been given only limited patentable weight. See MPEP § 2113.

Claim 16. Macfee discloses the bolt fastening structure of claim 12, wherein the plate is a metal plate (col.4, l.25).

Response to Arguments

Applicant's arguments with respect to the claims have been considered but are moot in view of the new grounds of rejection.

Conclusion

Applicant's amendment (i.e., the newly added limitation “fold part of the edge portion over an adjacent and consecutive part of the edge portion” in lines 3-4 of claim 1) necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor MacArthur whose telephone number is (571) 272-7085. The examiner can normally be reached on 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel P. Stodola can be reached on (571) 272-7087. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-3600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197.


VLM
April 3, 2006



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